

OIPE

RAW SEQUENCE LISTING DATE: 12/18/2001 PATENT APPLICATION: US/10/006,492 TIME: 15:59:41

Input Set : A:\10454-017001.TXT

Output Set: N:\CRF3\12182001\J006492.raw

ENTERED

```
4 <110> APPLICANT: Toll, Lawrence R.
              Lincoln, Patrick Denis
              Karp, Peter
      6
              Sonmez, Kemal
      9 <120> TITLE OF INVENTION: BIOPOLYMER SEQUENCE COMPARISON
     12 <130> FILE REFERENCE: 10454-017001
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/006,492
C--> 14 <141> CURRENT FILING DATE: 2001-12-03
     14 <150> PRIOR APPLICATION NUMBER: 60/250,743
     15 <151> PRIOR FILING DATE: 2000-12-01
     17 <160> NUMBER OF SEQ ID NOS: 2
     19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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     22 <211> LENGTH: 187
     23 <212> TYPE: PRT
     24 <213> ORGANISM: Mus musculus
     26 <400> SEQUENCE: 1
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     29 Val Phe Ser Ser Cys Pro Arg Asp Cys Leu Thr Cys Gln Glu Lys Leu
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     31 His Pro Ala Pro Asp Ser Phe Asn Leu Lys Thr Cys Ile Leu Gln Cys
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     33 Glu Glu Lys Val Phe Pro Arg Pro Leu Trp Thr Val Cys Thr Lys Val
     35 Met Ala Ser Gly Ser Gly Gln Leu Ser Pro Ala Asp Pro Glu Leu Val
     37 Ser Ala Ala Leu Tyr Gln Pro Lys Ala Ser Glu Met Gln His Leu Lys
     39 Arg Met Pro Arg Val Arg Ser Leu Val Gln Val Arg Asp Ala Glu Pro
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    41 Gly Ala Asp Ala Glu Pro Gly Ala Asp Ala Glu Pro Gly Ala Asp Asp
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    43 Ala Glu Glu Val Glu Gln Lys Gln Leu Gln Lys Arg Phe Gly Gly Phe
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                                135
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    45 Thr Gly Ala Arg Lys Ser Ala Arg Lys Leu Ala Asn Gln Lys Arg Phe
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    55 <213> ORGANISM: Homo sapiens
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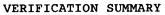
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| 59 | 1 | | | | 5 | | | | | 10 | | | | | 15 | |
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| 60 61 | Val | Phe | Ser | Ser 20 | Cys | Gln | Arg | Asp | Cys 25 | Leu | Thr | Cys | Gln | Glu 30 | Lys | Leu |
| 62 63 | His | Pro | Ala 35 | Leu | Asp | Ser | Phe | Asp 40 | Leu | Glu | Val | Cys | Ile 45 | Leu | Glu | Cys |
| 64 65 | Glu | Glu 50 | Lys | Val | Phe | Pro | Ser 55 | Pro | Leu | Trp | Thr | Pro 60 | Cys | Thr | Lys | Val |
| | Met 65 | Ala | Arg | Ser | Ser | Trp 70 | Gln | Leu | Ser | Pro | Ala 75 | Ala | Pro | Glu | His | Val 80 |
| 68 69 | Ala | Ala | Ala | Leu | Tyr 85 | Gln | Pro | Arg | Ala | Ser 90 | Glu | Met | Gln | His | Leu 95 | Arg |
| 70 71 | Arg | Met | Pro | Arg 100 | Val | Arg | Ser | Leu | Phe 105 | Gln | Glu | Gln | Glu | Glu 110 | Pro | Glu |
| 72 73 | Pro | Gly | Met 115 | Glu | Glu | Ala | Gly | Glu 120 | Met | Glu | Gln | Lys | Gln 125 | Leu | Gln | Lys |
| 74 75 | Arg | Phe 130 | Gly | Gly | Phe | Thr | Gly 135 | Ala | Arg | Lys | Ser | Ala 140 | Arg | Lys | Leu | Ala |
| | Asn 145 | Gln | Lys | Arg | Phe | Ser 150 | Glu | Phe | Met | Arg | Gln 155 | Tyr | Leu | Val | Leu | Ser 160 |
| 78 79 | Met | Gln | Ser | Ser | Gln 165 | Arg | Arg | Arg | Thr | Leu 170 | His | Gln | Asn | Gly | Asn 175 | Val |



PATENT APPLICATION: US/10/006,492

DATE: 12/18/2001 TIME: 15:59:43

Input Set : A:\10454-017001.TXT

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date